

December 10, 1999

Robert Smith, Chief  
Water Bureau/Standards and Planning Division  
Connecticut Department of Environmental Protection  
79 Elm Street  
Hartford, CT 01606

Dear Mr. Morrissey:

Thank you for the submittal of **A Total Maximum Daily Load Analysis for Rainbow Brook and Seymour Hollow Brook, Windsor and Windsor Locks, Connecticut** for propylene and ethylene glycols. This water is included on Connecticut's 1998 303(d) list and was targeted for TMDL development by April 1st, 2000. This Total Maximum Daily Load (TMDL) analysis was developed to address the aquatic life support and aesthetic impairments in Rainbow and Seymour Hollow Brooks due to deicing/anti-icing chemicals used at Bradley International Airport (BIA). Also, this TMDL is proposed for propylene and ethylene glycols as indicator pollutants to address the toxicity of unknown additives to glycol based deicing/anti-icing chemicals.

The U.S. Environmental Protection Agency (EPA) hereby approves Connecticut's final TMDL analysis for Rainbow and Seymour Hollow Brooks, received by EPA on October 19th, 1998. EPA has determined that the Rainbow Brook and Seymour Hollow Brook TMDL meets the requirements of §303(d) of the Clean Water Act (CWA), and EPA's implementing regulations (40 CFR Part 130).

The submittal includes all the required elements of a TMDL; loading capacity, load allocations, waste load allocations, margin of safety seasonal variation, and public participation process. Consistent with EPA policies, the TMDL also includes an implementation plan which addresses the primary sources contributing to the impairment. In addition, CT DEP has provided reasonable assurances that the necessary controls will be implemented in a timely manner.

We appreciate the efforts by Christopher Bellucci and Elizabeth Wikfors to complete this TMDL. They have provided a comprehensive and informative TMDL report, and it continues to be a rewarding experience to work with them. We appreciate the challenges associated with this TMDL to balance public safety and environmental issues, and recognize that it is a milestone in the efforts of the citizens of Windsor and Windsor Locks to protect their local natural resources.

My staff and I look forward to continued cooperation with CT DEP in exercising our shared responsibility to implement the requirements under Section 303(d) of the CWA. If you have any questions or comments regarding the attached approval documentation, please contact me at (617) 918-1500, or Jeanne Voorhees at (617) 918-1686.

Sincerely,

Linda M. Murphy, Director  
Office of Ecosystem Protection

Enclosure

cc: Christopher Bellucci, CT DEP  
Elizabeth Wikfors, CT DEP  
Ron Manfredonia, EPA  
Ann Williams, EPA  
Lynne Hamjian, EPA  
Roger Janson, EPA